

Caltex PP HG415

Polypropylene

GS Caltex

Message:

Caltex PP HG415 is a Polypropylene material filled with glass fiber. It is available in Asia Pacific. Primary attribute of Caltex PP HG415: Flame Rated.
Typical application of Caltex PP HG415: Appliances

General Information			
UL YellowCard	E319107-100074914	E119841-220377	E352041-101083950
Filler / Reinforcement	Glass Fiber		
Uses	Appliance Components		
	Appliances		
Forms	Pellets		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	1.01	g/cm ³	ASTM D792
Melt Mass-Flow Rate (MFR)	6.0	g/10 min	ASTM D1238
Molding Shrinkage			ASTM D955
Flow	0.60	%	
Across Flow	0.60	%	
Hardness	Nominal Value	Unit	Test Method
Rockwell Hardness (R-Scale)	107		ASTM D785
Mechanical	Nominal Value	Unit	Test Method
Tensile Strength (Yield)	68.6	MPa	ASTM D638
Tensile Elongation (Break)	3.0	%	ASTM D638
Flexural Modulus	3730	MPa	ASTM D790A
Impact	Nominal Value	Unit	Test Method
Notched Izod Impact	69	J/m	ASTM D256
Thermal	Nominal Value	Unit	Test Method
Deflection Temperature Under Load (0.45 MPa, Unannealed)	165	°C	ASTM D648
Flammability	Nominal Value		Test Method
Flame Rating	HB		UL 94
Injection	Nominal Value	Unit	
Processing (Melt) Temp	210 to 250	°C	

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